

# **NovaJet® PRO 600e Quick Start Guide**

**P/N 210058-03 Rev. AA**

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# NovaJet PRO 600e Quick Start

Congratulations on your purchase of a NovaJet PRO 600e wide format color printer. This guide gives you details on the following:

- unpacking and assembling the printer
- loading media
- filling ink reservoirs
- installing ink cartridges
- installing the media cutter
- installing the driver software
- testing ink cartridges.

## Unpacking your printer

NovaJet PRO 600e printers are shipped in three boxes. The contents are listed in the table below.

Box 1	Box 2	Box 3
Printer with four ink reservoirs. Accessories box which includes the following: <ul style="list-style-type: none"> <li>• quick start guide;</li> <li>• users guide, installation instructions and software drivers on CD-ROM;</li> <li>• ink reservoirs;</li> <li>• five cartridge tube needles;</li> <li>• screwdriver;</li> <li>• stand screws;</li> <li>• loopback cable; and</li> <li>• warranty card.</li> </ul>	<ul style="list-style-type: none"> <li>• Printer stand with integrated media feeding/takeup mechanism;</li> <li>• dryer;</li> <li>• 2" diameter media cores; and</li> <li>• NovaPrime.</li> </ul>	<ul style="list-style-type: none"> <li>• Four ink cartridges;</li> <li>• power cords;</li> <li>• printed users guide;</li> <li>• sample media; and</li> <li>• one 500 ml bottle of each ink color (four colors).</li> </ul>

Before starting assembly, you should verify that all the items on the lists are present. If not, contact your sales representative or ENCAD. You will need to provide an IEEE 1284 parallel cable for connecting to a PC or an ImageWriter II serial cable for connecting to a Macintosh.

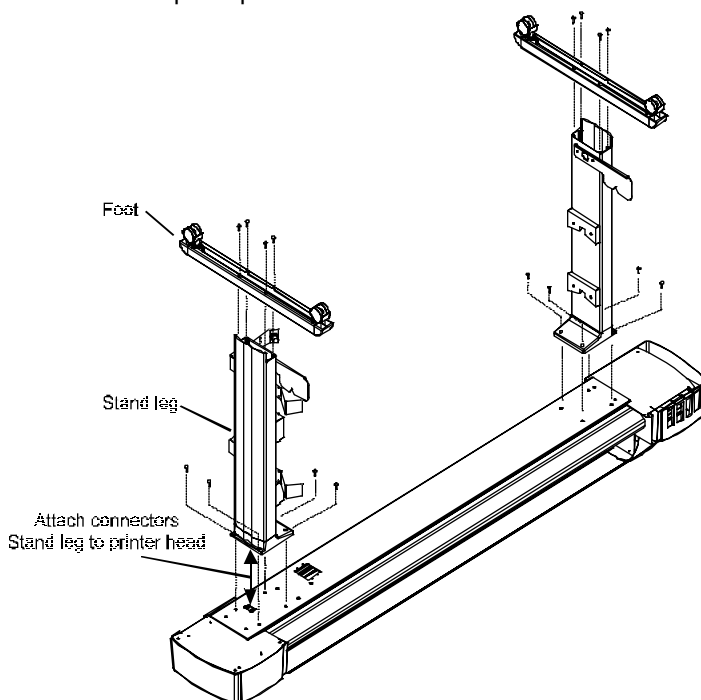
The printer is quite large and heavy. Two people (or a forklift) are recommended to move the box. Before assembly, you may want to measure halls and elevators to determine whether the unit should be assembled in the area where it will be used.

## Assembling the stand and printer

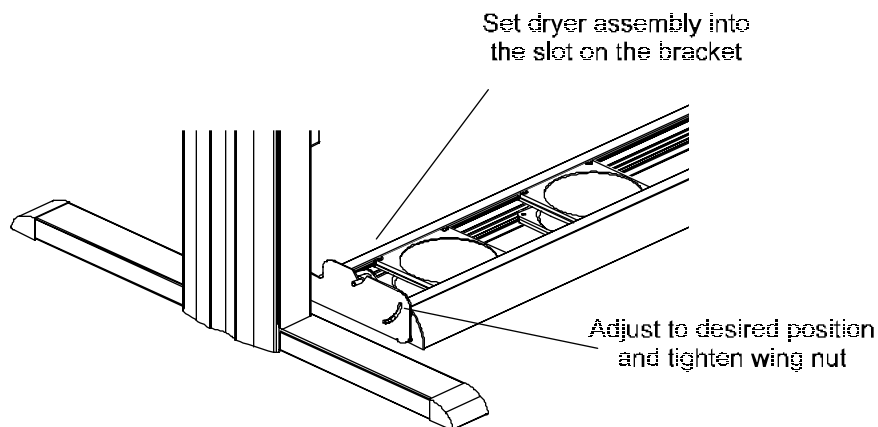
- 1 Locate the box containing the printer head and turn it upside down. Open the box and remove the Setup box which contains the screws and screwdriver to use for the next steps.
- 2 Open the box containing the stand and remove the stand and feet from the box.
- 3 Note that each foot has two casters, only one of which locks. Attach the feet to the stand legs using the screwdriver and screws provided in the setup box. Locate the casters so that they are diagonally opposite each other. Lock the casters to prevent the stand from rolling during subsequent assembly.
- 4 One of the stand legs has a connector on it. Pull the connector from the access hole in the leg and remove the tiewrap holding the connector in place. Attach the connector to the receptacle on the bottom of the print head. Orient the stand legs so that the roll holder brackets are facing the center of the printer head and align with the holes in the bottom of the printer head. Attach both stand legs to the printer head using the screwdriver and eight screws contained in the Setup box.

**CAUTION:** Be careful not to pinch the cable when attaching the leg.

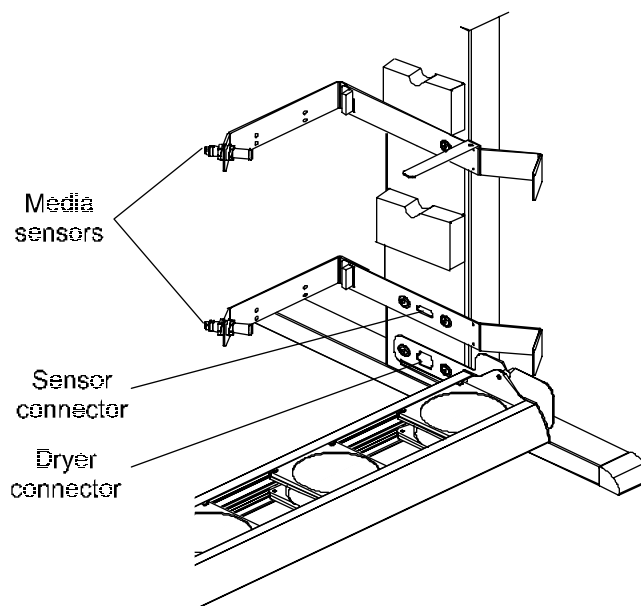
- 5 Two persons are required to lift the printer. Remove the assembled printer and stand from the box. Save the boxes and packing materials in case you ever need to ship the printer.



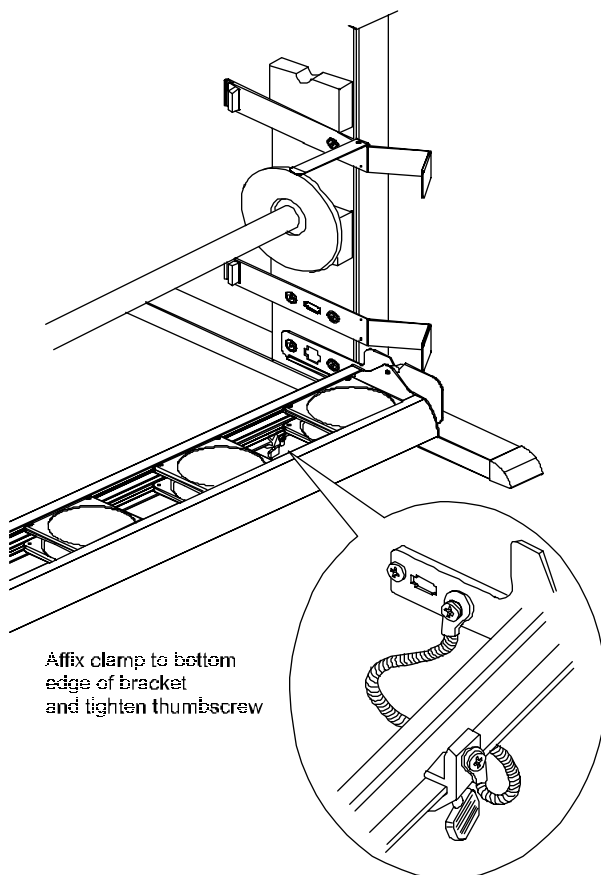
- 6 Remove the wing nut and mount the dryer assembly in the slots provided at the base of the stand. Be sure fans will blow upward and toward the printer. Position the dryer assembly to the desired angle. Replace and tighten the wing nut on the left side.



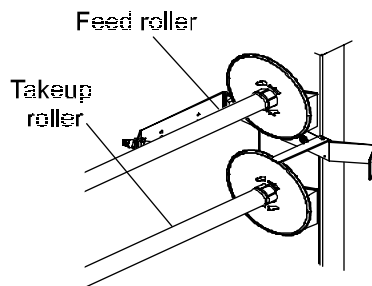
- 7 Plug the dryer connector into the receptacle on the right stand leg.



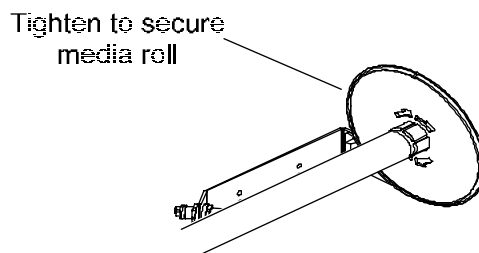
- 8 Attach the clamp for the grounding strap to the right lower rear edge of the dryer assembly bracket and tighten the thumbscrew securely so that the paint is penetrated.



- 9 Check to be sure that the media sensor is plugged in to the connector on the right stand leg. You can swing the sensor mounting bracket away from the printer if necessary when loading media.
- 10 To load media, slide the media roll over the feed roller. If you will be using the takeup roller, mount an empty media core on the takeup roller before inserting the roller into the stand. Mount the two rollers as shown below. Insert the end of a roller into the space provided in the left roller support, then fit the other end of the roller into the right support. Make sure the gear on the roller is engaged with the gear on the support.



- 11 Slide the media guide into the media core, and secure it by tightening the locking mechanism. If you moved the sensor mounting bracket before loading the roll media, be sure to return it to its normal position.

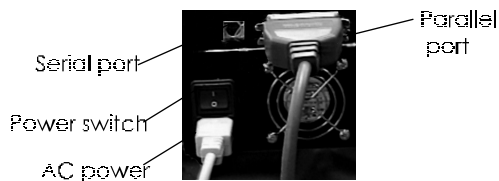


## Removing protective shipping material

**CAUTION:** Before turning on the printer, make sure to remove the protective material that secures the carriage. Remove the protective film from the control panel and remove the tape from the ink reservoir cover. Do not remove the foam insert located between the rear support bracket and slide shaft on the left side of the unit. Do not remove black tape affixed to left and right sides of the carriage assembly.

## Connecting power and your computer

- 1 Plug the power cord into the power inlet at the rear of printer.



- 2 Plug the printer cable into the connector at the rear of the printer. For connecting to a PC, use an IEEE 1284 parallel cable. For connecting to a Macintosh, use an ImageWriter II serial cable.

- 3 To turn on the printer, turn the power switch on at the rear of the printer. The control panel will display the printer's model name, the firmware version, status and progress of the power on self-test, and status and progress of the RAM test.

## **Loading Windows drivers and Macintosh ENCAD Print Utility (EPU)**

Before continuing, install the printer driver on your computer. The drivers are on the CD-ROM shipped with your printer in box 1. Be sure to view the Install.txt file for installation instructions. Details on using the driver are included in the Docs folder on the CD-ROM.

### **System Requirements:**

- Microsoft Windows 95, or Windows NT v4.0 or higher.
- Intel 80386 compatible computer or better
- 32 MB memory or better
- Minimum 10 MB free hard disk space for the application and 15 MB for each of the color tables. You will need additional space for RIPing and printing files.

### **For Windows 95 installation:**

- 1 Insert the CD-ROM in your disk drive.
- 2 Select Start/Settings/Printers, then double-click the Add Printer icon.
- 3 When prompted, select 'Have Disk' then type:  
<cd drive>:\drivers\Windows\<language>\95 and select OK  
OR  
select 'Browse' then navigate to <cd drive>:\drivers\Windows\<language>\95  
select 'OK'.

### **For Windows NT 4.0 installation**

- 1 Insert the CD-ROM in your disk drive.
- 2 Select Start/Settings/Printers, then double-click the Add Printer icon.
- 2 When prompted select 'Have Disk' then type:  
<cd drive>:\drivers\Windows\<language>\NT40 and select OK  
OR  
select 'Browse' then navigate to <cd drive>:\drivers\Windows\<language>\NT40 select 'OK'.

### **For Macintosh**

#### **System Requirements:**

- PowerPC class Macintosh computer
- 32MB RAM min.
- 20MB hard disk space. You will need additional space for RIPing and printing files.



- 1 Insert the CD-ROM in your disk drive and navigate to drivers\MAC\language\epu and double-click the Install Print Utility icon.
- 2 Click Continue. Driver installation information displays. You may want to print it at this time.
- 3 Click Continue and the program will prompt you with further instructions.
- 4 Select the port to which your printer is connected. If you are using a print server, select AppleTalk for the port, then select the print server in the Chooser using one of the LaserWriter drivers.

If you are not using AppleTalk, you will need a standard ImageWriter II serial cable attached to either the printer or modem port. Attach the other end of the cable to the RS-422 port on the printer. Refer to the instructions on the CD-ROM for further details.

- ! **Caution: Wider prints (60" vs 42" vs 24") and 600DPI prints require substantial file sizes. You may experience printer slowing or stalling when using the Windows driver to print from an application, or when printing a file using the ENCAD Macintosh EPU. The number of print passes specified will significantly impact the data transfer requirements. Less passes require more data; consequently, there is a higher probability of stalling when using less passes (faster printing modes). To do independent RIPing and printing, or faster simultaneous RIPing and printing, you may want to consider a stand-alone software or hardware RIP product. A list of RIP products that supports the NovaJet PRO 600e can be found at [www.encad.com](http://www.encad.com).**

## Installing the ICC Color Profiles

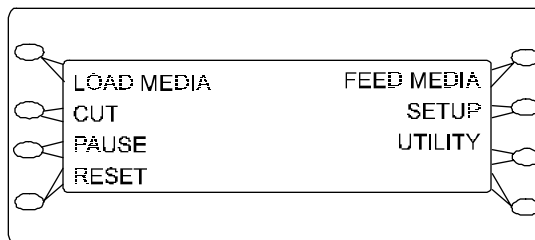
*Note: ICC color profiles are installed automatically for the Macintosh EPU.*

ENCAD Windows drivers use ICC color management profiles to provide the best possible color match between your original source file and your final printed output. These files, while not required, are essential to providing the maximum efficiency and quality from your ENCAD Windows drivers. These color profiles are located in the Color folder on the CD-ROM shipped with your printer. It is highly recommended that you install these files prior to printing with your new printer.

- 1 Insert the CD-ROM into your disk drive.
- 2 Open the \Color folder.
- 3 Double click 600eicc.exe.
- 4 The color management files are installed in C:\Windows\system\color and have a file extension of .icm.

## Using the control panel

The control panel at the right side of the printer includes eight buttons and a display which indicates modes and settings. An overview is provided here so that you can load media and ink cartridges. Details on menu options are included in Chapters 2, 3, and 4 in the User's Guide. The menu tree in Appendix C of the User's Guide gives you a summary of all the printer modes and their functions.



Two types of menus are displayed: action menus provide a list of additional menus or immediate tasks to perform, such as Cut, Load Media, etc. Selection menus let you view and modify values.

## Choosing menu functions

To select a function, press the button adjacent the function displayed.

The display will list options available for the selected function. Press the button for the option you want and press OK to accept the selection.

Depending on the type of menu, you can return to the previous menu level by pressing the OK or Exit button. There is no way to immediately return to the top level menu.

Press the Cancel button to restore the previous setting and exit the menu.

## Setting the language

With the appropriate firmware version, your printer can display menu items and messages in English, German, French, Italian, Portuguese, Spanish, Japanese, Chinese, or Korean.



### To change the language

- 1 Press Setup/User Setup/Language, and select the language you want.
- 2 Press OK.

## Loading media

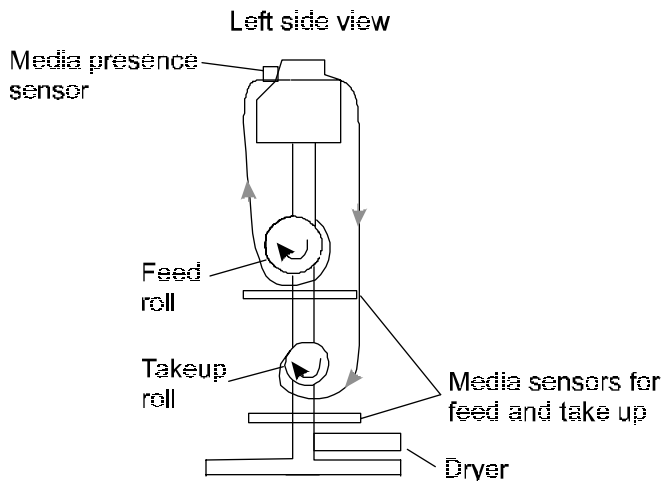
You can use either roll or single sheet media; the default is take up. To ensure straight paper loading and avoid skewing, be sure to hold the media parallel to the platen. Use the load lines on the platen as a guide to correctly align the media. Be sure to load from the back only. Set the media guides to the width of the media.

- ! **IMPORTANT!** It is very important to use only ENCAD QIS media with your printer. Some third party media has been found to generate electrostatic discharge in excess of 20 KV. Emissions of this level can cause arcing between the lower roller and printer leg, cause the LCD to blank out, and cause the paper axis motor to stop. These conditions can be temporary or permanent.
- ! Depending on the model, the printer can use media up to 60" wide. The rolls can be heavy, so you may want to have someone help you to load them.
- ! If your roll media has wrinkled or damaged edges, cut off the damaged part of the roll prior to loading to prevent the media from jamming in the printer.



### To load roll media

- 1 Slide the roll media onto the top roller, orienting it as shown below. Slide the media guide into the roll core, and tighten the guide to secure the roll. Insert the media's leading edge into the back of the printer, aligning the paper edge with the alignment mark on the platen. The printer will sense the presence of the media and automatically feed it.



Loading roll media

- 2 Press the Load Media button to move the media into printing position.
- 3 If you are going to use the takeup roll, be sure that a media core is installed on it. Attach the leading edge of the media to the takeup roll with three pieces of tape: one at the left, right, and center of the core. Orient the media as shown in the preceding illustration.

As printing progresses, media loops down in front of the takeup core and will be detected by the sensor on the printer stand leg. The takeup roll will then be activated to roll the media.

Be sure not to block the sensor!

- 4 Adjust the media edge guides on the back of the printer. 1/16" gap spacing is optimum.

## Moving the carriage

When not in use, the ink cartridges rest in the service station at the right side of the printer. This device seals the inkjets to prevent them from drying out. **With the power turned on, select Utility/Access Cartridges on the control panel to move the carriage away from the service station so that you can install, change, adjust or clean the ink cartridges, change the cutter, or clean the service station. Do not move the carriage manually as you could damage the printer.**

## Installing the cutter

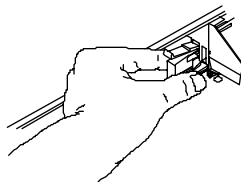
A cutter located in the ink cartridge carriage cuts roll media. The printer is shipped with the cutter installed.

- ! **Be careful when handling the cutter to avoid injury.**
- ! **Cutting media with a worn cutter can cause the media to jam and create a ragged cut line. Replace the cutter to avoid this condition. Do not cut media on the printer with an external knife, as you could seriously damage the platen and void the warranty.**



### To install the cutter

- 1 Press Utility/Access Cartridge button to move the carriage to the center of the platen.
- 2 The cutter fits in the printer on the left side of the carriage. To remove an older cutter, push the cutter lever down and pull it out. Install the new cutter by pushing it into the slot until it clicks into place.

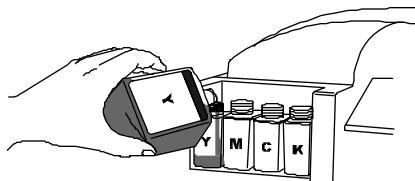


- 3 Press Utility/Access Cartridge to move the carriage back into the service station. This ensures that the cutter blade is in the home position.

## Filling the ink reservoirs

The printer can support long, uninterrupted printing runs because of the large capacity of each of the four ink reservoirs. The ink reservoirs are located in the printer's left side cover.

**Note:** When running at carriage speeds faster than the default, it is recommended that ink levels in the reservoirs be no more than 300ml maximum.



### To fill the ink reservoirs

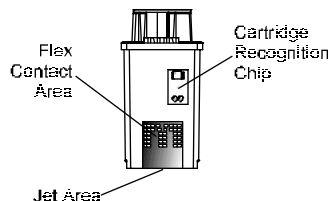
- 1 Open the cover on the left side of the printer to access the ink reservoirs. Unscrew and remove the cap of one reservoir. Open only one reservoir at a time to prevent contamination with other ink colors.
- 2 Make sure the ink color and type matches the reservoir and pour in the ink. Do not add more than 400 ml of ink or fill higher than 1/2 inch from top of the reservoir. Be sure to use the same type of ink (i.e., GA, GS, or GO) in all the reservoirs and ink cartridges. Be sure there is no excess ink on the inside of the reservoir cap. Replace the cap loosely on the reservoir - do not overtighten.
- 3 Your printer comes standard with two complete sets of plumbing for easy changeover between two ink sets. Each of these lines has color coded quick connect fittings. **Be sure that each reservoir is connected to the same color fitting.** To change reservoirs, simply snap into the appropriate fittings.
- 4 Repeat for the remaining reservoirs, then close the cover.

## Installing the ink cartridges

The printer is designed to use only ENCAD PRO 600e series cartridges. It is not compatible with NovaJet, NovaJet Pro, or NovaJet PROe cartridges. Use of other cartridges may damage the printer and/or prevent it from printing and void the warranty.

**Be sure all cartridges and reservoirs use the same ink type; i.e., PRO 600e series GA, GS, or GO.**

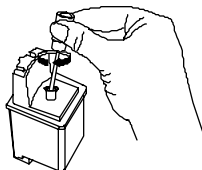
**Note:** Visually inspect each cartridge before installing. Make sure the blue tape is intact on the jet area of the cartridge. **(Do not remove the tape at this time as the cartridge could leak! The tape will be removed later after negative pressure has been established by priming the ink delivery lines.)** Inspect the IC chip on the cartridge. Make sure it is secure and in approximately the location shown on the following figure. If any cartridge is damaged, contact your authorized ENCAD distributor/dealer for return/replacement of the defective cartridge.



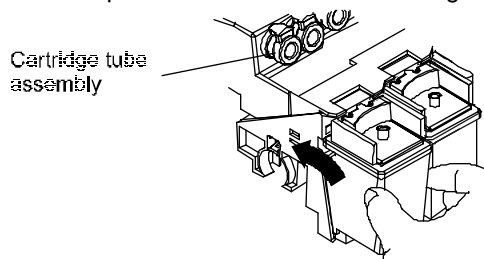
## To install the ink cartridges

- ! Do not touch the jet area or the flex contact area of the ink cartridge.
- ! Work with only one ink color at a time to prevent contamination.

- 1 With printer power on, press Utility/Access Cartridges to move the carriage to the position which allows replacement of the ink cartridges.
- 2 Cartridges are prefilled and preprimed. Remove the cartridge from the sealed bag and remove the shipping cap.



- 3 Install the cartridge bottom first into the correct slot on the carrier. **DO NOT REMOVE THE BLUE TAPE FROM THE JET PLATE.** Tilt the cartridge up until it clicks into place. Make sure the cartridge is firmly seated.



## Priming the ink delivery lines

After filling the ink reservoirs, you will need to prime each of the four ink delivery lines to establish ink flow through the lines and ink cartridges. The NovaPrime is provided for this purpose. Be sure it has batteries in it before continuing.

Sight Tube



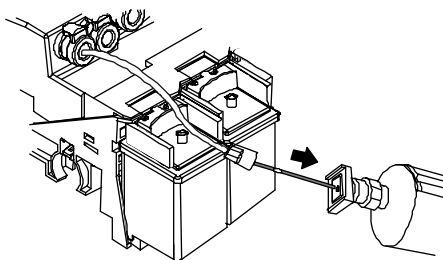
This procedure needs to be done the first time you set up the printer and whenever ink cartridges are replaced. It is not necessary when refilling the reservoirs.

When filling more than one color of ink, be sure to thoroughly wipe any excess ink from the NovaPrime before working with the next color to avoid the possibility of contamination.



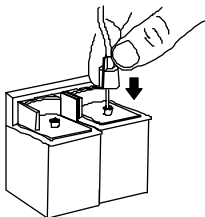
## To install tube needle assemblies and prime the delivery lines

- 1 Snap the tube needle assembly connector into the fitting on the carrier. Insert the needle into the small hole on the NovaPrime. There are two connectors for each cartridge - one is blue and the other is gray. Be sure that the tube needle assembly is plugged into the same color connector as the ink reservoir.

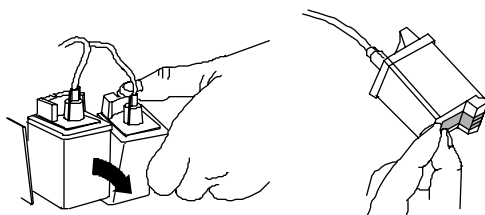


- 2 Press the button on the NovaPrime to activate the vacuum and draw ink from the reservoir into the needle.

- 3 When ink is visible in the NovaPrime sight tube (should take 5-10 seconds), remove the cartridge needle from the NovaPrime and quickly insert it into the hole in the top of the ink cartridge. Be sure the needle is tightly connected by turning the fitting clockwise until finger-tight.



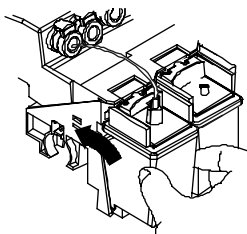
- 4 Gently tighten the fitting (about 1/4 turn) to prevent air leaks. Do not over-tighten. Wait 20 seconds for the ink pressure to stabilize.
- 5 Remove the cartridge from the carriage and remove the blue tape from the jet area of the cartridge. **CAUTION! Do not tilt the cartridge up higher than a 30 degree angle. This could cause the cartridge to lose pressure.**



- 6 Rotate the cartridge one complete revolution counterclockwise to ensure that there are no twists in the ink delivery line.

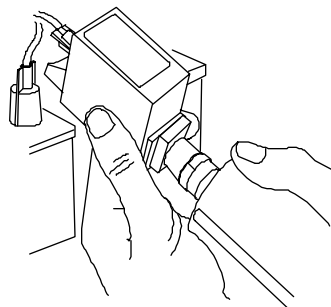
Check for ink on the jet plate. Continuous bleeding of the jet plate indicates a loss of vacuum in the cartridge or an air leak in the lines. A small amount of ink can be cleaned off the jet plate by dabbing with a moist, lint-free cloth.

- 7 Insert the cartridge into the carriage.





- 8 Repeat with each cartridge.
- 9 Press Utility/Access Cartridges to return the carriage to the service station.
- 10 Print the color test, prime test pattern and paper axis test as described in the following sections.
- 11 If all colors look fine, go on to step 15. If any color drops out, prime cartridges as necessary, using the NovaPrime. Place the suction end of the NovaPrime over the jet area of the cartridge.



- 12 Make sure the NovaPrime is making good contact with the jet area. Pulse the pump 3 - 5 times, until the ink is visible in the NovaPrime sight tube. Maintain good contact between the inkjet plate and the pump for an additional 5 seconds.

When removing the NovaPrime, use the silicone tip to wipe and clean the jet plate. Remember to clean the silicone tip of ink before moving to the next cartridge.

- 13 Re-print the color test and prime test pattern. (The paper axis test is only required when changing media). Inspect to ensure proper pressure is maintained for each color.
- 14 Re-prime cartridges as necessary to remove clogs. Manually bypass (compensate) clogged jets as necessary.
- 15 Once all cartridges are working correctly, print the color deadband and color calibration test patterns as described in the section on *Aligning the ink cartridges* which follows.

## Printing the color test

Printing the color test verifies a proper manual prime and that pressure is set properly.



### To print the color test

- 1 Be sure media is loaded in the printer.
- 2 Select Utility Menu/Service Menu/Diagnostics/Color Test.
- 3 Change the color test percentage to 100% and press OK.  
The test prints.
- 4 Verify that all bands print a solid pattern. This indicates that the cartridges were properly primed. If it doesn't print a solid pattern, run the color test again.

## Printing the prime pattern

Before printing and at regular intervals during printing, the printer wipes the ink cartridge jets at the service station. This function is user selectable during printing or between prints. Still, ink cartridge jets can become clogged, especially with prolonged exposure to the air or with non-use. Printing the Prime pattern helps to clear the jets and to check that the ink cartridges fire properly. ENCAD recommends that you print the prim pattern daily to ensure the best possible print quality.

The printer includes a feature called Open Jet Detection and Compensation. This feature helps maintain optimal print quality and gives you the confidence to print long, unattended jobs. During multi-pass printing, the printer will automatically compensate for jets found to be electrically damaged. The only intervention needed is to verify that there are no clogged jets and then choose which print mode is most appropriate for your needs. This is done by printing the Prime test pattern and then setting the print mode accordingly.



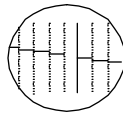
### To print the prime pattern

- 1 With media loaded, press Utility/Prime.  
A test pattern prints. It should be smooth with no obvious banding.
- 2 If the printed results are unsatisfactory, run the test several more times to unclog the inkjet nozzles.

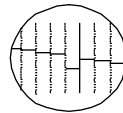


## To interpret the Prime test pattern

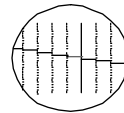
The test pattern consists of bands of color for each cartridge and a sloping line. Within the Prime test pattern, each jet is represented with a short horizontal line. Together, these short horizontal lines form a “stair step” pattern. Electrically defective jets appear as solid bars. Clogged jets appear as missing or misdirected lines in the “stair step” pattern. The print modes for which compensation is available are shown clearly above the Prime.



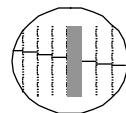
Missing  
line



Misdirected  
line



Light-printing  
line

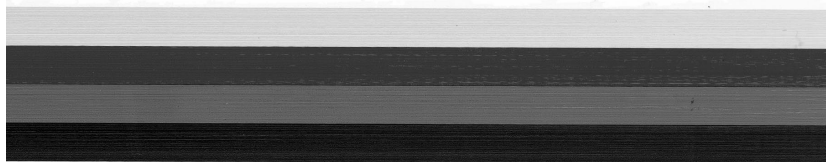
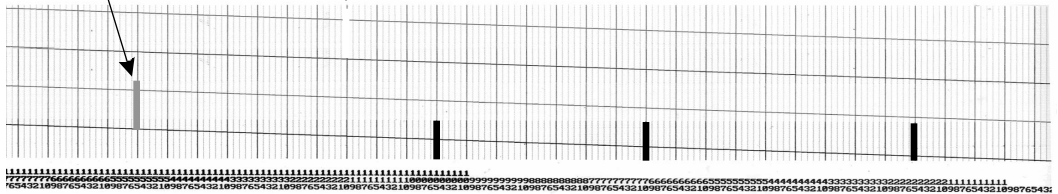


A solid bar indicates an electrically defective jet. Jet Compensation will automatically compensate for that jet.

A missing line or “gap”, misdirected line, or a light-printing line indicates a clogged jet.

The CMYK header lets you know the available print modes that will provide compensation.

Y: 3, 4, 6, 8, M: 3, 4, 6, 8, C: -, 4, -, - K: -, 4, 6, 8



## Clogged jets

Clogged jets cannot be automatically detected and therefore must be cleared manually. If a jet is clogged, it will appear in the prime pattern as a gap in the sloping line for each cartridge.

To clear a clogged jet, clean and prime the affected cartridge according to the instructions in Chapter 4 of the User Guide. Your goal is to eliminate all gaps in the “stair step” pattern before starting your job.

## Aligning the ink cartridges

Two tests are provided to help you align the cartridges: Color Deadband Compensation and Color Calibration.

Color Deadband Compensation provides a method for adjusting dot placement. In bi-directional printing mode, the velocity of the carriage causes dots to miss the target area on the media. The color deadband test pattern lets you check the velocity deadband values and adjust them for the best printing results. A loupe is provided in the accessory box to help you check the prints.

Color calibration aligns the inkjets of the cartridges to each other. Misalignment can result from small tolerance variations in cartridges during manufacturing and from cartridge alignment in the printer. Color test patterns let you check the horizontal and vertical alignment values and adjust them for the best printing results. A loupe is provided in the accessory box to help you check the prints.

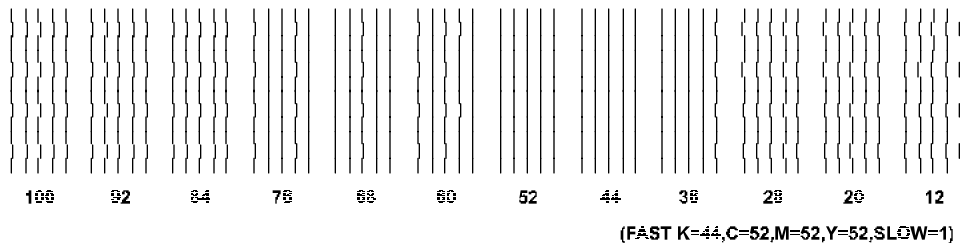
You should perform Color Deadband Compensation before performing Color Calibration. Perform Color Deadband Calibration and Color Calibration each time a cartridge is replaced with a different cartridge. If you remove and reinstall the same cartridge, only Color Calibration needs to be performed.



### To perform color deadband compensation

- 1 With paper loaded, press Utility/Calibration Menu/Color DB Test.

The test patterns print as shown below.



- 2 For each color, examine the vertical lines and select the straightest lines. Note the compensation number at the bottom of the lines you selected.
- 3 Existing compensation values are printed in the lower right corner of the test pattern. If any of these differ from the values you selected, enter new compensation values by pressing the button for the color deadband you want to change. Then use the Next and Previous option buttons to scroll to the desired compensation.

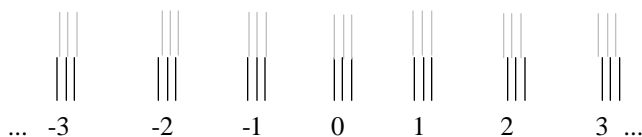


## To perform color calibration

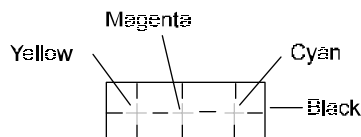
- 1 With paper loaded, press Utility/Color Calibration Menu/Calib Print Test.  
The test patterns print as shown below.



**Horizontal head-to-head test pattern**



**Vertical head-to-head test pattern**



**Current heads test pattern**

Examine the registration + in the Current Heads Test Pattern. If they are in register, your calibration is correct. If not, perform the following steps to align the printer heads.

- 2 Press Cyan Adjust - Vertical.
- 3 Examine the Vertical Head-to-Head Test Pattern and enter the number that represents the best color alignment for cyan-vertical.
- 4 Repeat for each color and for horizontal alignment as well, using the Horizontal Head-to-Head Test Pattern.

## Paper axis calibration

Choosing Utility/Calibration/Paper Axis Test lets the printer draw a set of vertical marks to calibrate the paper axis. To measure the marks laid down by the printer, you will need a ruler or scale at least 33 inches (838.2 mm) long. The vertical marks should be exactly 33.00 inches (838.2 mm) apart. If the distance between the marks is different from that shown on the display, you may adjust the printer by setting its values to match the length or width you measured. **Note: The Paper Axis Test should be performed every time new media is loaded.**



### To print the Paper Axis calibration test pattern

- 1 Load the printer with media that is at least 36 (91 cm) inches long (or the media that you are going to run; you cannot load a 36" sheet and then run the calibration from a roll feed because the line lengths will not match).
- 2 Press Utility/Calibration/Paper Axis Test.  
The printer prints two marks.
- 3 Remove the media from the printer and measure the distance between the marks. The distance between the marks should be exactly 33.00 inches (838.2 mm).
- 4 If the measurement is not exactly 33.00 inches, select "Paper Axis" and adjust the value to the measurement read on the scale.

## Cartridge recognition

The printer is designed to use only ENCAD PRO 600e cartridges. To eliminate potential damage to the printer, a Cartridge Recognition feature checks to ensure that ENCAD PRO 600e cartridges are installed, and that they are installed properly. Cartridge recognition is performed when a print request is received (i.e., image data, prime, etc.).

In addition to cartridge recognition, the printer automatically performs tests on the cartridges and uses the information to improve image quality, monitor cartridge life, and update the user with system status. Some tests are performed between prints and require no user input, while others require user input.

Cartridge-related error messages are listed in Appendix F of the User Guide.

To clear a cartridge-related error, press Access Cartridges to move the carriage to the position which allows replacement of the ink cartridges. Check to make sure you have ENCAD NovaJet PRO 600e cartridges installed in each position, that they all contain the same type of ink (i.e. GA, GS, or GO) and all cartridges are installed properly. Install new cartridges if necessary.



### To clear cartridge recognition error:

- 1 Press Access Cartridges to move the carriage to the position which allows replacement of the ink cartridges.
- 2 Verify that four ENCAD PRO 600e cartridges are installed. Replace any invalid cartridges.
- 3 Press OK. If the problem has been corrected, the printer will proceed with the print request. If the problem has not been corrected, the printer will beep.

# Quality Imaging Supplies™

ENCAD QIS offers a full line of inks and media for the NovaJet PRO 600e. The following indicates the most popular choices. Call your ENCAD supplies dealer for the latest product offerings or to order.

**QIS MEDIA FOR NOVAJET PRO 600e**

**POPULAR MEDIA AND INK REORDER INFORMATION**

**REORDER# MEDIA**

208041	PHOTO GLOSS 7 MIL 60" X 100'
208040	PHOTO GLOSS 7 MIL 42" X 100'
208141	PHOTO GLOSS 4 MIL 60" X 100'
208142	PHOTO GLOSS 4 MIL 42" X 100'
208045	PHOTO SEMI-GLOSS 7 MIL 60" X 100'
208044	PHOTO SEMI-GLOSS 7 MIL 42" X 100'
208143	PHOTO SEMI-GLOSS 4 MIL 60" X 100'
208144	PHOTO SEMI-GLOSS 4 MIL 42" X 100'
208146	PREMIUM MATTE 60" X 100'
208147	PREMIUM MATTE 42" X 100'
208148	CLEAR FILM 60" X 100'
208149	CLEAR FILM 42" X 100'
208038	WHITE FILM 42" X 100'
208039	WHITE FILM 60" X 100'
208152	BACKLIT FILM 60" X 100'
208153	BACKLIT FILM 42" X 100'
209353	CANVAS 42" X 35'
209356	CANVAS 60" X 35'

**GRAPHIC STANDARD INK ACCESSORY KITS**

208163-1	GRAPHIC STANDARD (GS) CYAN
208163-2	GRAPHIC STANDARD (GS) MAGENTA
208163-3	GRAPHIC STANDARD (GS) YELLOW
208163-4	GRAPHIC STANDARD (GS) BLACK

**GRAPHIC OUTDOOR (GO) INK ACCESSORY KITS**

208164-1	GRAPHIC <b>OUTDOOR</b> (GO) CYAN
208164-2	GRAPHIC <b>OUTDOOR</b> (GO) MAGENTA
208164-3	GRAPHIC <b>OUTDOOR</b> (GO) YELLOW
208164-4	GRAPHIC <b>OUTDOOR</b> (GO) BLACK

Note: Each kit contains 500 ml of ink and ink cartridge.

**GRAPHIC OUTDOOR (GO) MEDIA**

209681	POLYETHYLENE BANNER 42" X 50'
209687	POLYETHYLENE BANNER 60" X 50'
209680	TYVEK® 42" X 50'
209686	TYVEK® 60" X 50'
209688	WET STRENGTH PAPER 42" X 70'
209689	WET STRENGTH PAPER 60" X 70'
208512	WATER-RESISTANT VINYL 42" X 40'
208513	WATER-RESISTANT VINYL 60" X 40'